

**Report Date:** 01 May 2015

**Summary Report for Individual Task**  
**061-283-1016**  
**Navigate Utilizing a Global Positioning System Receiver**  
**Status: Approved**

---

**Distribution Restriction:** Approved for public release; distribution is unlimited.

**Destruction Notice:** None

**Foreign Disclosure: FD7** - This product/publication has been reviewed by the product developers in coordination with the UNITED STATES ARMY FIRES CENTER OF EXCELLENCE FORT SILL, OK. SECURITY DIVISION foreign disclosure authority. This product is NOT releasable to students from foreign countries.

**Condition:** Given a dismounted land navigation course, Global Positioning System (GPS) Receiver, and a map of the area the Soldier is directed to navigate to a series of points. Some iterations of this task should be performed in MOPP 4.

**Standard:** Soldier properly sets up the GPS device for navigation, programs waypoints, and accurately navigates to four locations (points).

**Special Condition:** None

**Safety Risk:** Low

**MOPP 4:** Sometimes

Task Statements
-----------------

**Cue:** Soldier is given various location coordinates, and is instructed to navigate to them.

**DANGER**

None

**WARNING**

None

**CAUTION**

None

**Remarks:** None

**Notes:** None

## **Performance Steps**

1. Power DAGR on:
  - a. Push the PWR key.
  - b. Push ENTER key as prompted to acknowledge start up displays.
2. Access Present Position page:
  - a. Push and hold the POS key.
  - b. Verify the Present Position page is displayed.
3. Initial setup:
  - a. Select datum.
  - b. Select coordinate/grid system.
4. Select units of measure or references:
  - a. Select GPS Setup and verify settings.
  - b. Select Power Saver and verify settings.
  - c. Select Battery and enter proper settings.
  - d. Select Auto-Run and verify settings.
5. Enter or verify the correct setup displays while in the setup mode:
  - a. Select Setup.
  - b. Adjust Light / Contrast settings.
  - c. Turn on internal compass and calibrate if necessary.
  - d. Select Units and enter or verify all settings.
6. Verify position and time by acquiring satellites.
7. Enter, edit, or review waypoint data:
  - a. Mark present position waypoint.
  - b. Create a new waypoint.
  - c. Clear waypoints.
8. Set-up appropriate navigation modes.

9. Navigate to four waypoints.

(Asterisks indicates a leader performance step.)

**Evaluation Guidance:** Score the Soldier GO if all steps are passed (P). Score the Soldier NO-GO if they fail to properly set up the GPS device for navigation, program waypoints, and accurately navigate to four pre-determined locations (points). The grader will record the discrepancy in order to facilitate remedial training and possible retest.

**Evaluation Preparation:** SETUP: Ensure that the proper equipment is available to the Soldier. Set up a navigation course, Urban or Rural depending on the Operational Environment. The Navigation course should be a minimum of 4 points.

PERFORMANCE MEASURES	GO	NO-GO	N/A
1. Powered the DAGR on:			
a. Pushed the PWR Key.			
b. Pushed ENTER key as prompted to acknowledge start up displays.			
2. Accessed Present Position page:			
a. Pushed and Held the POS key.			
b. Verified the Present Position page is displayed.			
3. Conducted Initial Setup:			
a. Selected Datum.			
b. Selected coordinate/grid system.			
4. Selected units of measure or references:			
a. Selected GPS setup and verified settings.			
b. Selected power saver and verified settings.			
c. Selected battery and entered proper settings.			
d. Selected auto run and verified settings.			
5. Entered or verified correct setup displays while in the setup mode:			
a. Selected setup.			
b. Adjusted Light/Contrast settings.			
c. Turned on internal compass and calibrated if necessary.			
d. Selected units and entered or verified all settings.			
6. Verified position and date/time by acquiring satellites.			
7. Entered, edited, or reviewed waypoint data:			
a. Marked present position waypoint.			
b. Created a new waypoint.			
c. Cleared waypoints.			
8. Set-up appropriate navigation modes.			
9. Navigated to four waypoints.			

**Supporting Reference(s):**

Step Number	Reference ID	Reference Name	Required	Primary
	TB 11-5820-1172-10	OPERATOR AND MAINTENANCE MANUAL FOR DEFENSE ADVANCED GPS RECEIVER	Yes	No
	TM 11-5820-1172-13	TECHNICAL MANUAL OPERATOR AND MAINTENANCE MANUAL DEFENSE ADVANCED GPS RECEIVER (DAGR) SATELLITE SIGNALS NAVIGATION SET	Yes	No

**Environment:** Environmental protection is not just the law but the right thing to do. It is a continual process and starts with deliberate planning. Always be alert to ways to protect our environment during training and missions. In doing so, you will contribute to the sustainment of our training resources while protecting people and the environment from harmful effects. Refer to FM 3-34.5 Environmental Considerations and GTA 05-08-002 ENVIRONMENTAL-RELATED RISK ASSESSMENT. NOTE: It is the responsibility of all Soldiers and DA Civilians to protect the environment from damage.

**Safety:** In a training environment, leaders must perform a risk assessment in accordance with ATP 5-19, Risk Management. Leaders will complete the current Deliberate Risk Assessment Worksheet in accordance with the TRADOC Safety Officer during the planning and completion of each task and sub-task by assessing mission, enemy, terrain and weather, troops and support available-time available and civil considerations, (METT-TC). Note: During MOPP training, leaders must ensure personnel are monitored for potential heat injury. Local policies and procedures must be followed during times of increased heat category in order to avoid heat related injury. Consider the MOPP work/rest cycles and water replacement guidelines IAW FM 3-11.4, Multiservice Tactics, Techniques, and Procedures for Nuclear, Biological, and Chemical (NBC) Protection, FM 3-11.5, Multiservice Tactics, Techniques, and Procedures for Chemical, Biological, Radiological, and Nuclear Decontamination. SAFETY: Lithium batteries are used with the AN/PSN-11 (PLGR). They contain pressurized sulfur dioxide gas, which is toxic. Batteries MUST NOT be abused in a manner that may cause the battery to rupture. DO NOT recharge lithium batteries. NONE

**Prerequisite Individual Tasks :**

Task Number	Title	Proponent	Status
071-329-7017	Navigate Using an AN/PSN-11 Precision Lightweight Global Positioning System Receiver	071 - Infantry (Individual)	Approved
071-510-0002	Compute Back Azimuths	071 - Infantry (Individual)	Approved
071-329-1015	Locate an Unknown Point on a Map and on the Ground by Resection	071 - Infantry (Individual)	Approved
071-COM-1006	Navigate from One Point on the Ground to another Point while Dismounted	071 - Infantry (Individual)	Approved
071-329-1014	Locate an Unknown Point on a Map and on the Ground by Intersection	071 - Infantry (Individual)	Approved

**Supporting Individual Tasks :**

Task Number	Title	Proponent	Status
061-284-1011	Post Information on a Situation Map/Overlay	061 - Field Artillery (Individual)	Approved
071-510-0001	Determine Grid Azimuth Using a Protractor	071 - Infantry (Individual)	Approved
071-COM-1003	Determine a Magnetic Azimuth Using a Lensatic Compass	071 - Infantry (Individual)	Approved
071-COM-1006	Navigate from One Point on the Ground to another Point while Dismounted	071 - Infantry (Individual)	Approved

**Supported Individual Tasks :** None

**Supported Collective Tasks :** None

**ICTL Data :**

ICTL Title	Personnel Type	MOS Data
MOS 13F – Fire Support Specialist – SL1	Enlisted	MOS: 13F, Skill Level: SL1, Duty Pos: ECB